



U.S. Department  
of Transportation  
**Research and  
Special Programs  
Administration**

400 Seventh St., S.W.  
Washington, D.C. 20590

**AUG 29 2001**

DOT-E 12626  
(FIRST REVISION)

EXPIRATION DATE: April 30, 2003
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(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: SMI Companies (SMI)  
Franklin, LA
2. PURPOSE AND LIMITATIONS:
  - a. This exemption authorizes the manufacture, marking, sale and use of a non-DOT specification portable tank equipped with an external bottom discharge valve conforming with all regulations applicable to a IM 101 specification portable tank, except as specified herein, for the transportation in commerce of the materials authorized by this exemption. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.243(c) in that a non-DOT specification tank is not authorized, except as specified herein.
5. BASIS: This exemption is based on the application of SMI Companies dated January 22, 2001, submitted in accordance with § 107.105 and the public proceeding thereon and an additional letter dated July 26, 2001.

AUG 29 2001

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Corrosive liquid, toxic, n.o.s.	8	UN2922	II
Corrosive liquid, acidic, organic, n.o.s.	8	UN3265	II
Corrosive liquid, basic, inorganic, n.o.s.	8	UN3266	II
All corrosive liquids authorized for portable tanks in §§ 173.241(c) and 173.242(c)	8	as appro- priate	II & III
Corrosive liquid, flammable, n.o.s.	8	2920	II
Fluoroboric acid	8	1775	II
Formic acid	8	1779	II
Hydrochloric acid	8	1789	II
Hydrofluoric acid, with not more than 60% strength	8	1790	II

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Packaging prescribed is a non-DOT specification steel portable tank which is designed, constructed and certified in conformance with the ASME Code, including the ASME Code "U" stamp. The tank design conforms with the requirements of a DOT Specification IM 101 steel portable tank except that the tank has a bottom outlet fitted with three serially-mounted closures consisting of an external discharge valve attached to the bottom flange of the tank, a butterfly valve, and a cam-lock cap at the end of the discharge line. The tank is mounted in an ISO frame. Each tank conforms to drawing numbers 97070622, Revision 0, Sheets 1 and 2, dated 1/19/01, and to photographs and specifications contained in the exemption application on file with Office of Hazardous Materials Exemptions and Approvals. The tank design criteria are as follows:

AUG 29 2001

Material of construction -	SA 516 Grade 70
Wall thickness -	0.375 inches
Design pressure -	58 psig
Length -	5'-0" (maximum)
Diameter -	5'-6" (nominal)
Capacity -	1050 gallons
Rotational molded liner -	1/4" Polyethylene
Pressure relief valve -	One 3" on top center
Pressure relief capacity -	8879 SCFM

b. TESTING -

(1) Each tank must be tested, retested and reinspected in accordance with requirements for DOT Specification IM 101 steel portable tanks contained in §§ 178.270, 178.271 and 173.32b, including approval by a Designated Approval Agency; and

(2) The polyethylene lining for each tank is tested at least once a year using equipment and procedures prescribed by the lining manufacturer or installer. Degraded or defective areas of the liner must be removed and the portable tank shell below the defect must be inspected. If the minimum thickness of the tank shell is below 0.375 inches, the portable tank must be removed from service.

c. OPERATIONAL CONTROLS - The external valve attached to the bottom flange of the tank must be spring-loaded and air-operated. Both external valves must be closed and the end of the bottom discharge line must be capped during transportation.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6 only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modification or change is made to the package or its contents and it is offered for transportation in conformance with this exemption and the HMR.

AUG 29 2001

- c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
- d. Each packaging manufactured under the authority of this exemption must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.
- e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.
- f. MARKING: -
- (1) Each tank must be durably marked on two sides near the middle in letters at least 2 inches high on a contrasting background "DOT-E 12626".
  - (2) Each portable tank authorized by this exemption may not be identified or otherwise be represented as a DOT Specification IM 101 portable tank.
- g. This exemption is limited to portable tanks used for transportation in support of offshore oil and gas exploration and production in the Gulf of Mexico within the jurisdiction of the United States of America.
- h. Transportation in international commerce is not authorized
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel, or motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

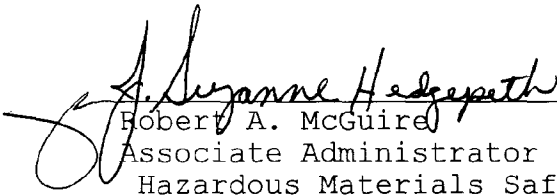
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued in Washington, D.C.

  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

AUG 29 2001

(DATE)

**AUG 29 2001**

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: DBURGER/AM